pb1106: Factoring when $a =$ prime (v7)

1. Factor the expression $5x^2 + 37x + 42$

2. Factor the expression $5x^2 + 6x - 8$

3. Factor the expression $5x^2 + 39x + 28$

4. Factor the expression $2x^2 + 17x - 9$

5. Factor the expression $11x^2 + 105x + 54$

6. Factor the expression $5x^2 + 2x - 16$

7. Factor the expression $11x^2 + 97x + 72$

8. Factor the expression $7x^2 + 71x + 72$

9. Factor the expression $5x^2 + 3x - 14$

10. Factor the expression $7x^2 + 47x - 72$